

L Number	Hits	Search Text	DB	Time stamp
3	435	(250/208.2).CCLS.	USPAT	2003/02/13 08:31
4	113	((250/208.2).CCLS.) and digital	USPAT	2003/02/13 08:31
5	9380	(photocell\$1 or photo or photodetector\$1 or photosensor\$1 or ccd) and (subtract\$4 or differenc\$4 or differential) same digital	USPAT	2003/02/13 14:00
6	2302	(photocell\$1 or photo or photodetector\$1 or photosensor\$1 or ccd) and (subtract\$4 or differenc\$4 or differential) same digital same (register\$1 or memory)	USPAT	2003/02/13 08:54
7	389	frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1)	USPAT	2003/02/13 08:54
8	806	(frame\$1 same current\$3 same previous\$3 same (differenc\$4 or subtract\$4) and compression) not (frame\$1 same current\$3 same previous\$3 same (differenc\$4 or subtract\$4) same digital and compression)	USPAT	2003/02/13 08:55
9	255	digital with photocell\$1 and (subtract\$4 or differenc\$4)	USPAT	2003/02/13 08:55
10	2239	((photocell\$1 or photo or photodetector\$1 or photosensor\$1 or ccd) and (subtract\$4 or differenc\$4 or differential) same digital same (register\$1 or memory)) not ((frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1)) ((frame\$1 same current\$3 same previous\$3 same (differenc\$4 or subtract\$4) and compression) not (frame\$1 same current\$3 same previous\$3 same (differenc\$4 or subtract\$4) same digital and compression)) (digital with photocell\$1 and (subtract\$4 or differenc\$4)))	USPAT	2003/02/13 08:55
15	999	(frame\$1 same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1) and (digital or digitiz\$5)) not (frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1))	USPAT	2003/02/13 08:56
16	486	frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (ccd) and digital	USPAT	2003/02/13 08:56
17	362	(frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (ccd) and digital) not (frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1))	USPAT	2003/02/13 08:57

18	2021	((photocell\$1 or photo or photodetector\$1 or photosensor\$1 or ccd) and (subtract\$4 or differenc\$4 or differential) same digital same (register\$1 or memory)) not ((frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1)) ((frame\$1 same current\$3 same previous\$3 same (differenc\$4 or subtract\$4) and compression) not (frame\$1 same current\$3 same previous\$3 same (differenc\$4 or subtract\$4) same digital and compression)) (digital with photocell\$1 and (subtract\$4 or differenc\$4)))) not (((frame\$1 same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1) and (digital or digitiz\$5)) not (frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1))) (frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (ccd) and digital) ((frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (ccd) and digital) not (frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1))))	USPAT	2003/02/13 09:37
19	98	takagi-naoyuki\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/02/13 09:38
20	4	("4864398" "5099323" "5170255" "5237405").PN.	USPAT	2003/02/13 12:30

21	379	(((photocell\$1 or photo or photodetector\$1 or photosensor\$1 or ccd) and (subtract\$4 or differenc\$4 or differential) same digital same (register\$1 or memory)) not ((frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1)) ((frame\$1 same current\$3 same previous\$3 same (differenc\$4 or subtract\$4) and compression) not (frame\$1 same current\$3 same previous\$3 same (differenc\$4 or subtract\$4) same digital and compression)) (digital with photocell\$1 and (subtract\$4 or differenc\$4)))) not (((frame\$1 same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1) and (digital or digitiz\$5)) not (frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1))) (frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (ccd) and digital) ((frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (ccd) and digital) not (frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1))))) and (multiplexer\$1 or mux)	USPAT	2003/02/13 13:52
22	1983	(photocell\$1 or photo or photodetector\$1 or photosensor\$1 or ccd) and (subtract\$4 or differenc\$4 or differential) and (multiplex\$3 or mux or multi adj plex\$3) and digital and compress\$4	USPAT	2003/02/13 14:13

23	1811	((photocell\$1 or photo or photodetector\$1 or photosensor\$1 or ccd) and (subtract\$4 or differenc\$4 or differential) and (multiplex\$3 or mux or multi adj plex\$3) and digital and compress\$4) not (((photocell\$1 or photo or photodetector\$1 or photosensor\$1 or ccd) and (subtract\$4 or differenc\$4 or differential) same digital same (register\$1 or memory)) not ((frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1)) ((frame\$1 same current\$3 same previous\$3 same (differenc\$4 or subtract\$4) and compression) not (frame\$1 same current\$3 same previous\$3 same (differenc\$4 or subtract\$4) same digital and compression)) (digital with photocell\$1 and (subtract\$4 or differenc\$4)))) not (((frame\$1 same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1) and (digital or digitiz\$5)) not (frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1))) (frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (ccd) and digital) ((frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (ccd) and digital) not (frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1)))))	USPAT	2003/02/13 14:01
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24	1602	<p>((photocell\$1 or photo or photodetector\$1 or photosensor\$1 or ccd) and (subtract\$4 or differenc\$4 or differential) and (multiplex\$3 or mux or multi adj plex\$3) and digital and compress\$4) not (((photocell\$1 or photo or photodetector\$1 or photosensor\$1 or ccd) and (subtract\$4 or differenc\$4 or differential) same digital same (register\$1 or memory)) not ((frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1)) ((frame\$1 same current\$3 same previous\$3 same (differenc\$4 or subtract\$4) and compression) not (frame\$1 same current\$3 same previous\$3 same (differenc\$4 or subtract\$4) same digital and compression)) (digital with photocell\$1 and (subtract\$4 or differenc\$4)))) not (((frame\$1 same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1) and (digital or digitiz\$5)) not (frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1))) (frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (ccd) and digital) ((frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (ccd) and digital) not (frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1)))))) not ((250/208.2).CCLS.) ((250/208.2).CCLS.) and digital) (frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1)) ((frame\$1 same current\$3 same previous\$3 same (differenc\$4 or subtract\$4) and compression) not (frame\$1 same current\$3 same previous\$3 same (differenc\$4 or subtract\$4) same digital and compression)) (digital with photocell\$1 and (subtract\$4 or differenc\$4)) ((frame\$1 same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1) and (digital or digitiz\$5)) not (frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1) and (digital or digitiz\$5)) not (frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (ccd) and digital) ((frame\$1 same</p>	USPAT	2003/02/13 14:04
Search History	2/13/2003 3:12:14 PM Page 3	<p>or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1))) (frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (ccd) and digital) ((frame\$1 same</p>		

25	4	(photocell\$1 or photo or photodetector\$1 or photosensor\$1 or ccd) and (subtract\$4 or differenc\$4 or differential) and (multiplex\$3 or mux or multi adj plex\$3) and digital and compress\$4	EPO; JPO; DERWENT; IBM_TDB	2003/02/13 14:09
26	69	(photocell\$1 or photo or photodetector\$1 or photosensor\$1 or ccd) and (subtract\$4 or differenc\$4 or differential) same compress\$4 same (multiplex\$3 or mux or multi adj plex\$3)	USPAT	2003/02/13 14:14
-	255	digital with photocell\$1 and (subtract\$4 or differenc\$4)	USPAT	2003/02/13 08:55
-	35	mattison-phillip\$.in.	USPAT	2003/02/11 08:27
-	5	("4942473" "5271022" "5361326" "5644139" "5962844").PN.	USPAT	2003/02/11 08:33
-	0	6366317.URPN.	USPAT	2003/02/11 08:39
-	937	frame\$1 same current\$3 same previous\$3 same (differenc\$4 or subtract\$4) and compression	USPAT	2003/02/12 06:42
-	131	frame\$1 same current\$3 same previous\$3 same (differenc\$4 or subtract\$4) same digital and compression	USPAT	2003/02/11 10:40
-	806	(frame\$1 same current\$3 same previous\$3 same (differenc\$4 or subtract\$4) and compression) not (frame\$1 same current\$3 same previous\$3 same (differenc\$4 or subtract\$4) same digital and compression)	USPAT	2003/02/13 08:55
-	5	("5448056" "5541402" "5576763" "5608243" "5739562").PN.	USPAT	2003/02/11 14:23
-	9	5962844.URPN.	USPAT	2003/02/11 14:24
-	7	("4245164" "4580168" "4758895" "4803710" "4897728" "5040057" "5097339").PN.	USPAT	2003/02/11 14:39
-	22	5272535.URPN.	USPAT	2003/02/11 14:42
-	19	digital with photocell\$1 and (subtract\$4 or differenc\$4)	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/02/11 14:54
-	389	frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1)	USPAT	2003/02/12 14:02
-	1	("5631704").PN.	USPAT	2003/02/12 07:30
-	10	frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1)	EPO; JPO; DERWENT; IBM_TDB	2003/02/12 09:10
-	1	("5455561").PN.	USPAT	2003/02/12 09:15
-	1	"4901143".PN.	USPAT	2003/02/12 13:50
-	2	5990471.URPN.	USPAT	2003/02/12 13:54
-	389	frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1)	USPAT	2003/02/13 08:54

-	1278	frame\$1 same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1) and (digital or digitiz\$5)	USPAT	2003/02/12 14:04
-	999	(frame\$1 same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1) and (digital or digitiz\$5)) not (frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1))	USPAT	2003/02/13 08:56
-	486	frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (ccd) and digital	USPAT	2003/02/13 08:56
-	362	(frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (ccd) and digital) not (frame\$1 same (current\$3 or previous\$3) same (differenc\$4 or subtract\$4) and (photodiode\$1 or photo adj diode\$1 or photodetector\$1 or photo adj detector\$1 or photocell\$1 or photo adj cell\$1 or photosensor\$1 or photo adj sensor\$1))	USPAT	2003/02/13 08:56
-	5	("4251742" "4571618" "4694357" "4743965" "4996594").PN.	USPAT	2003/02/12 15:47
-	1	"4323920".PN.	USPAT	2003/02/12 15:50
-	27	4743965.URPN.	USPAT	2003/02/12 15:50
-	6	5420637.URPN.	USPAT	2003/02/12 15:52